



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : William A. Worstell

Art Unit : 2878

Serial No. : 10/780,517

Examiner : Unknown

Filed : February 17, 2004

Title : PET SCANNER WITH PHOTODETECTORS AND WAVELENGTH SHIFTING FIBERS

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Applicant submits the references listed on the attached form PTO-1449.

This statement is being filed within three months of the filing date of the application or before the receipt of a first Office action on the merits. Please apply any charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: May 26, 2004

  
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## CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Irja Zarembok  
Typed or Printed Name of Person Signing Certificate

Substitute Form PTO-1449 (Modified) JUN 01 2004 10 Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR 1.13(b))		U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 12355-010001	Application No. 10/780,517
		Applicant William A. Worstell		
		Filing Date February 17, 2004	Group Art Unit 2878	

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	4,284,890	8/18/1981	Thompson	250	363	
	AB	5,241,181	8/31/1993	Mertens et al.	250	363.03	
	AC	5,395,635	3/7/1995	Yanamoto et al.	426	331	
	AD	5,741,056	4/21/1998	Liu	353	56	
	AE	5,793,045	8/11/1998	DiFilippo et al.	250	363.03	
	AF	5,937,202	8/10/1999	Crosetto	395	800.19	
	AG	6,072,177	6/6/2000	McCroskey et al.	250	252.1	
	AH	6,255,655	Jul. 3, 2001	Mc Croskey et al.			
	AI	6,057,551	May 2, 2000	Tararine			
	AJ	4,395,635	Jul. 26, 1983	Friauf et al.			
	AK	5,600,144	2/4/97	Worstell	250	363.3	
	AL	5,783,829	7/21/98	Sealock et al.	250	367	

Foreign Patent Documents or Published Foreign Patent Applications							
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation
							Yes No
	AM	GB 2 052 207	Jan. 21, 1981	United Kingdom			
	AN						

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AO	D.F. Newport, H.M. Dent, M.E. Casey and D.W. Bouldin, "Coincidence Detection and Selection in Positron Emission Tomography Using VLSI", IEEE: Transactions of Nuclear Science, Vol. 36, No. 1, February 1989, pp. 1052-1055
	AP	J.W. Young, M.E. Casey and D.F. Newport, "Optimum Bandwidth Usage in Digital Coincidence Detection for PET", IEEE, 1994, 1205-1200
	AQ	W.F. Jones, J.H. Reed, J.L. Everman, J.W. Young and R.D. Seese, "Next Generation PET Data Acquisition Architectures", IEEE, Transactions on Nuclear Science, Vol. 44, no. 3, June 1997, pp. 1202-1206
	AR	Worstell et al. "Scintillator Crystal Readout with Wavelength-Shifting Optical Fibers" Boston University Physics Department, Pages 1869-1873

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	